

In the Abstract

Please edit the Abstract language as follows:

Abstract of the Invention

The invention describes techniques for the electrostatic printing of functional materials configured as liquid toners (~~50~~ **45**) on glass substrates (26) in a non-contact mode. The toners are patterned by a sensitized electrostatic printing plate (11) of fixed image configuration. Toner images (50) are transferred by an electric field (33) across a fluid filled mechanical gap (42) to the glass substrate (26). Techniques for optimizing the imaging and transfer processes are also disclosed. Two other techniques in which partially finished pieces are manipulated to “self-print” themselves, are described. In both cases defects in the pieces will over print the defect in the “self-healing” mode.